

Certificate of Analysis

Date of Testing: 2024-09-20 10:20:17

Date of Next Testing: 2027-09-20 10:20:17

Product Name: **Water**

CAS Number: 7732-18-5

Specifications & Purity: Ultrapur

Lot #: I2414610

SKU #: **W433884**

Version: **1**

Analysis #: **412947**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Silver(Ag)	0-50 (ppt)	2.48000 ppt
Aluminium(Al)	0-200 (ppt)	102.41000 ppt
Arsenic(As)	0-50 (ppt)	2.48000 ppt
Gold(Au)	0-50 (ppt)	32.96000 ppt
Boron(B)	0-500 (ppt)	102.50000 ppt
Barium(Ba)	0-50 (ppt)	3.25000 ppt
Beryllium(Be)	0-50 (ppt)	2.74000 ppt
Bismuth(Bi)	0-50 (ppt)	3.47000 ppt
Calcium(Ca)	0-500 (ppt)	203.40000 ppt
Cadmium(Cd)	0-50 (ppt)	2.74000 ppt
Cerium(Ce)	0-20 (ppt)	1.48000 ppt
Cobalt(Co)	0-50 (ppt)	35.80000 ppt
Chromium(Cr)	0-50 (ppt)	3.47000 ppt
Copper(Cu)	0-100 (ppt)	23.44000 ppt
Dysprosium(Dy)	0-20 (ppt)	3.48000 ppt
Erbium(Er)	0-20 (ppt)	1.78000 ppt
Europium(Eu)	0-20 (ppt)	0.54800 ppt
Iron(Fe)	0-300 (ppt)	102.40000 ppt
Gallium(Ga)	0-50 (ppt)	32.40000 ppt
Gadolinium(Gd)	0-20 (ppt)	2.14000 ppt
Germanium(Ge)	0-50 (ppt)	41.62000 ppt
Hafnium(Hf)	0-10 (ppt)	4.80000 ppt
Holmium(Ho)	0-20 (ppt)	2.84000 ppt
Indium(In)	0-50 (ppt)	2.84000 ppt
Potassium(K)	0-300 (ppt)	142.80000 ppt

Parameter	Limit Values	Result
Lanthanum(La)	0-20 (ppt)	2.48000 ppt
Lithium(Li)	0-50 (ppt)	12.48000 ppt
Magnesium(Mg)	0-100 (ppt)	23.40000 ppt
Manganese(Mn)	0-100 (ppt)	23.80000 ppt
Molybdenum(Mo)	0-50 (ppt)	2.84000 ppt
Sodium(Na)	0-500 (ppt)	201.49000 ppt
Niobium(Nb)	0-20 (ppt)	2.40000 ppt
Neodymium(Nd)	0-20 (ppt)	1.48000 ppt
Nickel(Ni)	0-50 (ppt)	3.45000 ppt
Lead(Pb)	0-50 (ppt)	1.45000 ppt
Palladium(Pd)	0-50 (ppt)	41.80000 ppt
Platinum(Pt)	0-50 (ppt)	21.50000 ppt
Rubidium(Rb)	0-20 (ppt)	0.29000 ppt
Antimony(Sb)	0-50 (ppt)	42.10000 ppt
Scandium(Sc)	0-20 (ppt)	2.40000 ppt
Silicon(Si)	0-1000 (ppt)	23.41000 ppt
Samarium(Sm)	0-20 (ppt)	3.00000 ppt
Strontium(Sr)	0-50 (ppt)	22.85000 ppt
Tin(Sn)	0-50 (ppt)	32.50000 ppt
Tantalum(Ta)	0-50 (ppt)	31.80000 ppt
Terbium(Tb)	0-20 (ppt)	2.40000 ppt
Tellur(Te)	0-50 (ppt)	12.70000 ppt
Thorium(Th)	0-10 (ppt)	4.80000 ppt
Titanium(Ti)	0-50 (ppt)	1.80000 ppt
Thallium(Tl)	0-50 (ppt)	11.10000 ppt
Thulium(Tm)	0-20 (ppt)	2.47000 ppt
Uranium(U)	0-10 (ppt)	1.80000 ppt
Vanadium(V)	0-50 (ppt)	2.70000 ppt
Wolfram(W)	0-100 (ppt)	23.40000 ppt
Yttrium(Y)	0-10 (ppt)	0.23000 ppt
Ytterbium(Yb)	0-20 (ppt)	7.80000 ppt
Zinc(Zn)	0-500 (ppt)	223.40000 ppt
Zirconium(Zr)	0-50 (ppt)	1.40000 ppt



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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager